VIII.—*Meteorological Register kept at Darjiling, for the month of April,* 1837. *By Dr.* H. Chapman.

Day.	Barometer.		Therm. in Air.		Moist. Bulb.		Regtg. Ther.		Danl. Hygr.		Rain.	Wind.		Appearance of the Sky.		Boiling Point, at 10 a.m.
	10 A. M.	4 P. M.	10 A. M.	4 P. M.	10 A. M.	4 P. M.	Min.	Max.	10 A. M.	4 P. M.	Inches	Morn.	Even.	Morning.	Evening.	
1	23.325	23.232	59.5	57.5	50	47.5	44	60.5	50	43	..	Calm.	W.	Thick hz. nr. hor. above cl.	Thick hz. c. NW.	199.6
2	.338	.227	59	43	50	40	44	60.5	46	39	..	N.	Variable.	Ditto	Thunder storm.	199.7
3	.273	.208	46	50	42.5	47	38	52.5	42.5	47	0.85	S.	W.	Overcast Cum. and mist occas. sunshine.		199.7
4	.265	.200	50	51	47.5	47.5	40	52.5	47	47.5	0.23	Calm.	S. W.	Generally overcast.	Overcast.	199.6
5	.281	.198	55	53.5	51	50	44	56	51	49.5	..	W.	W.	Cum. near hor. ab. cl.	Cum. S. Mist N.	199.8
6	.276	.187	56.5	60.5	51	53.5	44	60.5	51	53.5	0.16	Calm.	W.	Cum. intspsd.	Cum. intspsd. sunshine.	199.8
7	.288	.192	58	58	54	53.5	46	60	53.5	53	..	N.	W.	Horizon hazy, above clear.	Cum & haze.	199.5
8	.278	.173	58.5	59	55	52.5	49.5	64	55	52.5	..	Calm.	S.	Cum. intspsd. hazy N.	Heavy clouds S.	199.7
9	.307	.237	61	59.5	50	52	48	65	44	52	..	W.	W.	Hor. hazy ab. cl.	Ovrt. Thud. Stm. N.W.	200.0
10	.273	.167	52	51.5	50	47	44	55	50	46.5	0.31	Calm.	W.	Fog.	Cirri. and cirri. strat intspsd.	199.7
11	.234	.183	55	60.5	53	53	43	62	52.5	52	0.03	Do.	W.	Cum. S. & S. E.	Hazy Cum. intspsd.	199.7
12	.318	.269	62.5	62	54	55	49	63.5	53	54	..	N. E.	W.	Hor. hazy cum. S. rest cl.	Cirri. & cum.	199.7
13	.355	.245	63	62	55	55	49	66	55	56	..	Calm.	W.	Hazy cum. intspsd.	Thick haze cumuli.	199.8
14	.313	.225	62.5	62	56.5	56	50	66	54	56	..	Do.	W.	Ditto ditto.	Ditto ditto.	200.0
15	.265	.184	65.5	65	54	53.5	52.5	67.5	50	50	..	W.	W. S. W.	Horizon hazy, rest clear.	Thick haze.	199.7
16	.305	.229	65.5	63.5	54	51	52	68	45	45	..	Calm.	W.	Ditto ditto.	Ditto.	199.8
17	.340	.224	64.5	65	54.5	55	51	67.5	51.5	55	..	Do.	Calm.	Thick haze.	Ditto.	200.0
18	.276	.192	64.5	63	55	55.5	51	68	50.5	54.5	..	Do.	W. light.	Do. few cum. intspsd.	Do. cum. intspsd.	199.5
19	.253	.192	64	59.5	58	55.5	51	65	58	55.5	..	Do.	S. light.	Cum. S. thick haze.	Cumuli rain.	199.8
20	.290	.200	62.5	59.5	57.5	57	50.5	62	59.5	58	0.04	S. E. light.	W.	Overcast.	Overcast & occasional Mist.	200.0
21	.250	.150	61	64	59	57	50	64.5	59	56	0.03	Calm.	W. strong	Partlly. ovt. Overhead cl.	Thunder stm. S.	199.7
22	.312	.245	69.5	64.5	58	56.5	50	70.5	56	55	..	W. light	W.	Clear.	Cumuli and haze.	199.7
23	.400	.333	67.5	63	52	50	50	68	39	44	..	W.	S. W.	Horizon hazy, above clear.	Thick haze.	200.0
24	.460	.396	63.5	64.5	46	48	50	64.5	34	41	..	S.	W.	Thick haze.	Ditto.	200.2
25	.434	.356	64	65	52.5	54	51	66.5	44.5	50	..	Calm.	W.	Ditto.	Ditto.	200.2
26	.426	.348	68.5	64.5	56.5	55	51	68.5	51.5	51	..	Do.	W.	Ditto.	Ditto.	200.2
27	.432	.357	64.5	64	55	53	52	66	52.5	48	..	Do.	W.	Ditto.	Ditto.	200.0
28	.416	.328	64.5	65	55	56	52	68.5	52.5	52	..	N.	W.	Cum. intspsd thick hze.	Do. cum. intspsd	199.8
29	.357	.240	63.5	62.5	58	56	52	66	57	55	..	N.E. light	SSW.	Ditto.	Do. light rain.	199.7
30	.315	.206	56	64.5	48.5	57.5	46	65.5	48	55	0.28	S.	N.	Overcast, storm to S.	Heavy clouds S.W.	199.5

Day.	Barometer. 10 A. M.	4 P. M.	Thermometer 10 A. M.	4 P. M.	Moist. Bulb. 10 A. M.	4 P. M.	Regtg. Ther. Min.	Max.	Dan. Hygrom. Dew-point. 10 A. M.	4 P. M.	Rain. Inches	Wind. Morn.	Even.	Appearance of the Sky, &c. Morning.	Evening.	Boiling Point, at 10 A. M.
1	23.362	23.240	61	57	56.5	53	48	62.5	56.5	52.5	..	N. E.	S. W.	Cloudy.	Storm, raining.	200.0
2	.368	.280	60	61.5	54.5	51	45	65	53	47	0.14	W.	W. brisk.	Cum. S. & W.	Cloudy N. & N. W.	200.0
3	.362	.268	60	55.5	53	52	48	62	53	53.5	09	S. light	S. W. lig.	Cloudy near hor.	Ovrst. thund. storm N.	199.8
4	.295	.188	51	49.5	47.5	44.5	38	55.5	47.5	44.5	1.42	N. E.	W.	Generally clear.	Gy. Overcast.	199.7
5	.330	.260	53	52.5	47.5	49	38	54	47	48	14	N. E.	W.	Cumuli collecting.	Overcast light rain.	199.7
6	.348	.280	54.5	56	50	52.5	43.5	56	50	52.5	01	W.	S. W.	Overcast.	Genly. overcast.	199.7
7	.391	.327	58	63	54	57.5	48.5	63	54	57	..	Calm.	W.	Genl. overcast.	Cumuli N. & N. W.	200.0
8	.353	..	58.5	..	56	..	50	..	56	..	..	Do.	..	Ovrt. & foggy.	Storm gathering S. W.	200.0
9	.350	.252	60.5	59.5	57	55.5	49	62	57	55.5	1.00	W.	S. S. W.	Ovrt.	Cumuli S. & W. rest clear.	199.7
10	.364	.260	61	58	54	53	45	63 5	53	53	09	W. light.	S. W.	Cirri intspsd.	Heavy clouds W. & S. W.	199.8
11	.327	.214	59.5	57.5	54	54	47.5	62 5	54	54	..	N.	W.	Genl. clear.	Do. N. W. storm gathering.	199.6
12	.340	.194	62	56	55.5	52.5	47.5	63	55	52.5	19	Calm.	W.	Cum. near horizon.	Thunder storm to W.	199.8
13	.265	.173	61.5	59	56	54	48	62	56	55	34	W.	W.	Ditto.	Clear to N. rest overcast.	199.5
14	.269	.182	59	57	56	54	49	60	56	55	02	Calm.	S. W.	Horizon cloudy.	Overcast light rain.	199.5
15	.286	.214	61	61	57.5	56.5	50	61.5	57.5	56.5	26	Do.	S. W.	Genl. overcast.	Horizon cloudy, above cl.	199.5
16	.280	.210	60.5	61	59	57.5	48.5	62.5	59	58	30	Do.	W.	Horizon cloudy, rest clear.	Ditto.	199.5
17	.324	.235	66	65	59.5	59	51.5	69	58.5	57.5	..	S. W.	W.	Ditto ditto.	Ditto cumuli to S.	199.7
18	.307	.202	64	63.5	58.5	57.5	51.5	68	57	57	..	Calm.	W.	Cumuli intspsd.	Cumuli intspsd.	200.0
19	.270	.158	64	60	58.5	57	52	66	58	57	..	Do.	S.	Hor. clouded, ab. cl.	Storm to S. & N. W.	199.7
20	.245	.158	62	59	58.5	57	50	62.5	58.5	57	37	Do.	S. W.	Fog.	Overcast.	199.6
21	.247	.154	61.5	56	59	54	52	62	59	54	02	Do.	Variable.	Fog. at intervals clear.	Rain, storm N. E.	199.5
22	.268	.200	62	62	57	59.5	49	64	57	59.5	38	W. S. W.	W.	Horizon cloudy.	Horizon cloudy.	199.5
23	.291	.206	64	63	60.5	59	53.5	64.5	60.5	59	..	Calm.	S. W.	Ditto.	Ditto.	199.6
24	.273	.227	64	63	59.5	60	52	65	59	60	40	Calm.	W. S. W.	Ditto.	Clear.	199.5
25	.318	.245	64.5	62.5	61.5	59.5	54	65.5	61.5	59.5	04	Do.	S. W.	Ovrst. mist in the vallies.	Cumuli intsps.	199.8
26	.352	.292	64.5	61	62	59	55	64.5	62	59	10	Do.	Calm.	Fog in the vallies.	Rain fog in the vallies.	199.7
27	.307	.216	63.5	63.5	60	60.5	55	66.5	60	60.5	11	Do.	S. W.	Ditto.	Overcast ditto.	199.7
28	.273	.185	66	63	62	61	55	67	62	61	06	Do.	W.	Partially overcast.	Showers.	199.8
29	.208	.128	64.5	63	62	61.5	57	65.5	62	62.5	04	Do.	S. W.	Fog.	Fog.	199.3
30	.184	.136	66	65	64	63.5	58	66.5	64	63.5	06	Do.	W.	Ditto.	Overcast and raining.	199.3
31	.228	.178	67.5	64.5	65	64	60	68	65	64	58	Do.	Calm.	Genl. overcast, fog in vallies.	Do. & fog.	199.3
Mns	23.303	23.215	61.4	60	57.3	56.3	50	63.3	57	56.2	6.16					199.67

May 8th at Ging about 4 miles N. N. E. of Darjíling 1.30 P. M. Barometer 24.876, Thermometer 69° : boiling point of water 203.5.

Meteorological Register kept at Darjíling, for the month of June, 1837.

Day.	Barometer. 10 A. M.	Barometer. 4 P. M.	Thermometer 10 A. M.	Thermometer 4 P. M.	Moist. Bulb. 10 A. M.	Moist. Bulb. 4 P. M.	Regtg. Ther. Min.	Regtg. Ther. Max.	Dan. Hygrom. Dew-point. 10 A.M.	Dan. Hygrom. Dew-point. 4 P.M.	Rain. Inches	Wind. Morn.	Wind. Even.	Appearance of the Sky, &c. Morning.	Appearance of the Sky, &c. Evening.	Boiling Point, at 10 A.M.
1	23.204	23.108	64	65.5	63	63.5	59	66.5	63	63.5	0.03	W.	S. W.	Generally clear.	Cumuli intspsd.	199.3
2	.160	.080	65.5	68	61.5	63	57	68	61.5	63	..	W.	W. S. W.	Cirri. intspsd.	Horizon cloudy.	.3
3	.202	.155	64.5	67	60.5	62	54	68	60.5	62	..	N. E.	W.	Cumuli intspsd.	Cumuli intspsd.	.3
4	.271	.220	69	69	60	60	55	71	57	58	..	W. S. W.	S.W.	Clear.	Generally clear.	.3
5	.334	.282	67.5	68.5	61.5	62	55.5	69.5	61.5	61	..	S.	Calm.	Ditto.	Cumuli intspsd.	.6
6	.315	.224	66	59.5	61	55.5	54.5	66.5	60	55.5	..	W.	S. W.	Partially overcast.	Overcast & raining.	..
7	.286	.220	64.5	64.5	60	60	51.5	68.5	60	60	33	S. W.	W.S. W.	Ditto & light haze.	Generally clear.	.3
8	.346	.258	56	62.5	55	60	55	64.5	55	60	82	W.	S.	Genl. ovrt. thnd. storm at 9.	Cum. intspsd.	.7
9	.330	.238	64.5	62.5	60	60	56	66	60	60	03	S. W.	W.S. W.	Generally overcast.	Overcast.	.7
10	.276	.204	59	62.5	58	60.5	54.5	64	58	61	31	S.	S. W.	Overcast.	Overcast & occly. fog.	.3
11	.268	.198	64	62	61.5	61	53	65.5	61.5	61	34	WS.W.	W.S.W.	Horizon cloudy, above clear.	Genl. clear.	.3
12	.281	.218	64	63.5	61.5	60.5	54	67	61.5	61	11	N. E.	S. W.	Partially overcast.	Cloudy, storm S. W.	.3
13	.292	.188	63	64.5	59.5	61	55.5	66	60.5	60.5	03	N. E.	S. W.	Overcast.	Genl. overcast.	.3
14	.212	.148	64	65	62	61	55.5	66.5	62	61	22	Calm.	S. W.	Horizon cloudy.	Cloudy S. & W.	.3
15	.194	.142	65.5	66.5	60	62	55.5	68	60	61	02	Do.	S. S. W.	Ditto.	Cloudy.	.2
16	.172	.100	67.5	66	64	63.5	56.5	69	64	63.5	08	Do.	S. W.	Cloudy.	Clouds intersp.	.2
17	.167	.118	66	66.5	63	64.5	57	69.5	62.5	64.5	..	Do.	S. S. W.	Horizon cloudy, rest clear.	Genl. Ovrt.	.2
18	.197	.098	66.5	68	63.5	66	59	68.5	63	66	..	S. W.	S. W.	Genl. heavy clouds S. & W.	Ditto.	.3
19	.225	.175	66.5	64	64.5	62.5	58	67.5	64.5	62.5	04	Calm.	W.	Fog. Cloudy,	showers, distant thunder W.	.3
20	.323	.280	69	63.5	58.5	62	53	65	58.5	62	1.01	N. E.	Calm.	Overcast, and raining.	Overcast.	.5
21	.392	.322	63	62.5	60.5	61.5	56	66	60.5	61.5	0.15	N. N. E.	Do.	Overcast & thin fog.	Ditto.	200.0
22	.352	.260	61	61	59.5	60	55.5	64	59.5	60	78	W.	W. S. W.	Ditto ditto	Overcast and rain.	199.8
23	.260	.180	63.5	63.5	61	61.5	55	64	61	61.5	08	WSW.	WNW.	Cloudy.	Overcast.	.3
24	.194	.118	65.5	65	62	63	57	66.5	61.5	63	07	Calm.	S. W.	Overcast.	Overcast & occlly showers.	.2
25	.163	.107	66	63.5	63	62.5	58	67	62.5	62.5	..	Do.	S. W.	Ditto.	Ditto.	.2
26	.153	.104	64	63.5	63	63	57.5	65	63	63	44	W.	S. W.	Ditto and fog.	Do. & fog.	199.0
27	.154	.093	63.5	64.5	62	63	57	65	62	63	07	Calm.	N. W.	Fog & light rain.	Fog.	.2
28	.142	.093	66	63.5	64	62.5	57	66.5	64	62.5	78	Do.	Calm.	Ditto ditto.	Rain & fog.	.2
29	.150	.123	60.5	63	60	62	56.5	64	60	62	5.13	Do. W.	S. W.	Fog & light rn. (hvy. rn. til. 10 A.M.)	Rn. & fog.	.2
30	.187	.130	62.5	67	61.5	65.5	56.5	67	61.5	65	72	N. N. E.	Calm.	Overcast and foggy.	Partially overcast.	.3
Mns	23.240	23.173	64.1	64.5	61.2	61.8	55.8	66.7	61	61.7	11.59*					199.33

Day.	Barometer. 10 A. M.	Barometer. 4 P. M.	Thermometer 10 A. M.	Thermometer 4 P. M.	Wet Bulb. 10 A. M.	Wet Bulb. 4 P. M.	Dan. Hygro. Dew-point. 10 A. M.	Dan. Hygro. Dew-point. 4 P. M.	Regtg. Ther. Min.	Regtg. Ther. Max.	Rain. Inches	Wind. Morn.	Wind. Even.	Appearance of the Sky, &c. Morning.	Appearance of the Sky, &c. Evening.	Boiling Point, at 10 A.M.
1	23.230	23.150	65.5	66.5	63.5	65	63.5	65	56.5	67	0.42	N. E.	W.S.W.	Cloudy.	Cloudy.	199.4
2	.204	.138	66.5	65	65	64	65	64	57	68	17	Calm.	S.	Cloudy S. & W.	Cloudy S. & W.	.3
3	.212	.170	65	62	63.5	61.5	63.5	61.5	57.5	66	1.34	N.	S.	Light rain and fog.	Overcast.	.4
4	.238	.180	64.5	64.5	63	63	63	63	57.5	65	50	N. N. E.	Cm.	Thin fog.	Genlly. overcast & light rain.	.4
5	.227	.175	62.5	64.5	61.5	63.5	61.5	63.5	57.5	64.5	14	N. E.	Do.	Generally overcast.	Rain.	.2
6	.217	.150	64	63.5	62.5	62.5	62.5	62.5	56	65.5	99	N.	Do.	Light rain.	Rain and fog.	.2
7	.190	.117	63	63	62.5	62.5	62.5	62.5	57	65.5	95	E.	S. W.	Overcast and fog.	Rain.	.2
8	.136	.056	67	64.5	64.5	63	64.5	63	57	67	51	S. W.	N.	Overcast.	ditto.	.2
9	.068	.004	61	63.5	60	62.5	60.5	62.5	57	64.5	1.91	N. E.	Calm.	Heavy rain.	Clearing to S.	199.0
10	.050	22.980	65	66.5	63.5	65	63	65	58	67	1.21	S. W.	Do.	Rain.	Light rain.	198.8
11	22.988	.929	65.5	67	65	66	65	66	59	68	.03	S. W.	S. W.	Rain and fog.	Heavy rain.	.8
12	.960	.944	62	62	61	61	61	61	59	64	2.70	S. W.	S. W.	Rain.	Rain.	.8
13	23.098	23.084	64.5	63.5	62.5	61.5	62.5	61.5	55.5	65	1.27	W.	S. W.	Overcast.	Overcast.	199 .0
14	.226	.192	66.5	62.5	64	61.5	64	61.5	57	67	1.08	Calm.	S. W.	Ditto.	Rain.	.3
15	.289	.225	63	63	61.5	62	62	62	57	65	1.01	S. W.	W.S.W.	Fog.	Overcast.	.5
16	.202	.111	64.5	63	63	62	63	62	58.5	67.5	24	W. S. W.	S.	Generally overcast.	Thick fog&light rain.	.3
17	.141	.095	62	63	51.5	61.5	61.5	61.5	58	64	1.04	S. W.	Calm.	Rain and fog.	Clearing.	.2
18	.222	.170	58.5	60	57.5	59.5	58	59.5	56	60	1.10	N.N.E.	N.N.E.	Ditto.	Fog.	.2
19	.258	.184	60.5	63.5	60	63	60	63	56	65	87	S. W.	Calm.	Fog.	Fog and light rain.	.4
20	.203	.130	61.5	62	60.5	61.5	60.5	61,5	57	64.5	1.29	S. W.	S.	Ditto.	Light rain.	.2
21	.206	.154	60.5	63.5	60	62.5	60	62.5	57	64	1.07	S. E.	Calm.	Rain and fog.	Clearing S. rest overcast.	.2
22	.228	.177	63	62.5	62.5	62	62.5	62	57	64	1.06	N.	N. N. E.	Fog.	Rain and fog.	.5
23	.268	.192	66.5	62	65.5	61.5	65.5	62	56.5	67.5	14	Calm.	S. W.	Cloudy.	Rain.	.5
24	.220	.136	65	66	63	64	63	64	57.5	68.5	1.32	Do.	Calm.	Ditto.	Overcast and thin fog.	.5
25	.208	.120	67.5	64	65	63	65	63	57	69.5	49	S. E.	S. W.	Cumuli interspersed.	Overcast.	.3
26	.206	.144	66	62.5	63	61	63	61	57	67	81	W.	N.	Cloudy cumuli S. and W.	Ditto.	.3
27	.212	.139	60	62.5	59.5	61.5	59.5	61.5	58	63	41	Calm.	E.	Rain and fog.	Fog.	.2
28	.214	.160	60	61	59.5	60.5	60	60.5	58	61.5	1.88	W. squally.	Cm.	Ditto ditto.	Fog and showery.	.2
29	.223	.150	61.5	63.5	61	63	61.5	63	57.5	63.5	1.06	S. E.	S.	Fog.	Fog and light rain.	.4
30	.216	.137	65	65	63	63.5	63	64	57.5	66	61	N. E.	Calm.	Fog and light rain.	Ditto ditto.	.2
31	.173	.112	65	63	64	62.5	64	62.5	58.5	65	2.63	Calm.	N.	Overcast.	Ditto ditto.	.2
Mns	23.185	23.123	63.6	63.5	62.3	62.5	62.4	62.5	57.3	65.5	31.25*					199.24

On the 28th and several other occasions, dew deposited on the Hygrometer the instant the æther was dropped on the covered bulb. On the same occasion depression of Moistened bulb Thermometer barely perceptible although registered, 0.5.

* Quantity of rain by Crosley's registering Pluviometer, 35.52.